Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 21 Aug 2020 until 23:59 on Saturday 22 Aug 2020

Forecast Issued on Friday 21 Aug 2020 at 04:24

Confidence: High for very windy conditions on Friday and generally unsettled theme through the forecast period. Low for shower detail, and for timing and extent of rain from late Monday.

Headline for Friday 21 Aug 2020: Rain or showers, with widespread gales across the hills.

Mountain weather hazards on Friday 21 Aug 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
Low Likelihood

Gales
High Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy rain showers	Light rain showers	Light rain	Heavy rain showers (night)
Precipitation probability					
90%	90%	60%	40%	40%	60%

Forecast for Friday 21 Aug 2020

Weather: Very windy with widespread gales on the hills, and occasional showers. Showers will be locally heavy, and with a band of more persistent rain moving east in the morning. Into the afternoon a few bright or sunny intervals may develop between cloudier periods. Showers continuing through the evening with gales persisting on the hills.

Chance of cloud free mountain/hill tops above 600m: Mainly 90% or more, but occasionally 60% with cloud down to 500m in heavier showers.

Visibility: Often very good or excellent with distant hills clearly seen, but occasionally moderate in showers, and perhaps poor in any heavier precipitation.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Friday 21 Aug 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	29/37 S	34/45 S	34/49 SW	35/50 SW	30/43 SW	25/37 SW	25/37 SW
300	15/34 S	20/43 S	24/48 SW	24/49 SW	20/41 SW	17/35 SW	17/34 SW
Valley	13/34 S	15/38 S	20/44 SW	23/48 SW	19/41 SW	16/35 SW	14/30 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/7	12/7	13/8	13/8	13/8	12/8	12/8
300	14/11	14/11	16/12	16/12	15/12	14/11	14/11
Valley	14/12	15/13	17/13	17/13	17/13	16/13	15/13
Freezing Level*	2600m	2800m	2600m	2500m	2500m	2500m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds on the highest summits are likely to reach 65mph this morning and early afternoon. Some strong sunshine with high UV levels is possible during the afternoon where cloud does break. Sun protection is recommended.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 21 Aug 2020	0mm	16mm	26mm

Forecast for Saturday 22 Aug 2020

Weather: Isolated showers through the early hours, but most places dry by morning. Further showers soon spreading from the west during the morning, these merging to give some more general and locally heavy rain at times until early afternoon. Scattered showers then likely to continue into the evening. Less windy than Friday, but still with gales for a time across highest summits.

Maximum wind: Southwesterly 35-40mph, with gusts 45-50mph, decreasing 25-30mph gust 35-40mph during the evening.

Chance of cloud free mountain/hill tops above 600m: 80% with occasional patches down to 600m, becoming 40% at times in more persistent precipitation with bases 400-500m.

Visibility: Often very good with hills in the near distance clearly seen, but moderate to poor at times in precipitation.

Temperature: **Valleys:** Plus 11 becoming Plus 15 Celsius
At 600m: Plus 05 becoming Plus 08 Celsius
Freezing level: Above the summits

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